DUAL SV PLUS VIOLA ECO

PRODUCT DESCRIPTION

PRE-POLYMER DIAZO photoemulsion suitable for the preparation of screens for water based, solvent based ad UV inks printing.

CHARACTERISTICS

- Colour: violet
- Solid Content: 34%
- Viscosity: around7.500 cps (25°C)
- Very high contour definition
- High resolution
- Good exposure latitude
- Recommended meshes: from 77 Th/cm to 180 Th/cm
- Solvent free

APPLICATION PROCESS

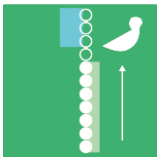
FABRIC PREPARATION

New fabric: degrease with products of the Cleanser.

Recovered fabrics: operate in advance with Polistrip series product and then with Cleanser product series.

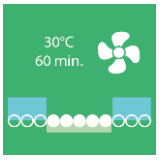
SENSIBILIZATION

Add Diazo micro-HD powder directly into the emulsion, without dissolving the diazo in de-mineralized water. Let stand for a few hours to allow the necessary disaeration.



APPLICATION

The application depends on the mesh of the screen. The recommended range is from: from 77 Th/cm to 180 Th/cm. It's recommended to apply a photoemulsion layer on the printing side and a photoemulsion layer on the squeegee side (by following the indicated sequence).



DRYING

After application, dry the frames horizontally with the printing side down in a ventilated oven for about 60 minutes. It is recommended to dry at a temperature between 30°C and 40°C. Too high temperatures could compromise the development of the frame. Drying times change depending on the amount of applied photoemulsion.

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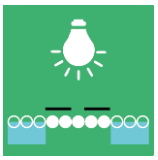


EXPOSURE

The exposure times are conditioned by:

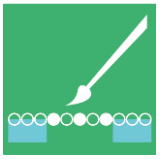
- Quality and type of light source
- Thickness of the photoemulsion (EOM)

We recommend using a 5000-Watt UV metal halogen lamp.

For example:
Screen = 120 th/cm
Lamp = 5000-Watt UV metal halogen lamp
Distance = 140 cm
Exposure time 40-50 seconds

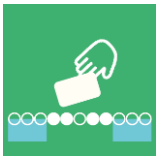
DEVELOPMENT

After exposure, wet the screen internally and externally. Leave a few moments and then rinse with water jet on the printing side until the details of the drawing are completely opened. If possible, it is recommended to immerse the screen in water at room temperature for about five minutes before development.



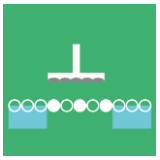
RETOUCHING

Any adjustment can be made with the sensitized emulsion. Carry out a re-exposure afterwards



RECOVERY

If necessary, the recovery of the frames after printing is recommended the use of Polistrip series products. Catalyzed frames cannot be recovered.



HARDENIG

If necessary to have significant chemical/mechanical resistance, the photoemulsion must be catalysed with Catalyst 210 (cod. M160210K001000).

Once hardened, the screen can be used:

- After 12 hours if dried at room temperature
- After 45 minutes if dried at 50°C

SPECIAL RECOMMENDATIONS

Always test the characteristics of the product before starting a production.

Always use the product in a yellow light protected environment.

Sensitized emulsion when stored at a temperature between 4 ° C- 10 ° has a pot life of about 4-6 weeks.

The emulsion stored at a maximum temperature of 25 °C has a duration of about one year

Safety data sheet available on request

PACKAGING

M222500EK001000	1 Kg
M222500EK005000	5 Kg

IMPORTANT INFORMATION NOTE

The information contained in this data sheet is not to be considered exhaustive, but anyone who uses the product for any purpose other than that specifically recommended on this document without a precise written confirmation from us, He does it at his own risk.

Although we strive to ensure that all the advice given here about the product is correct, we do not have any control over the quality and conditions of the support, or the multiple factors that may affect the use and application of the product.

Therefore, except for specific written agreements, we do not accept any responsibility - of quality nature and in whatever way it occurs - for the performance of the product, nor for any loss or damage resulting from the unauthorized use of the product.

The information contained in this document is subject to periodic reviews, based on experience and our policy of constant product improvement.